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Texas University. Bulletin. Six Texas Food

Products, 1918



IX 355 .L3 Copy 1

## University of Texas Bulletin

No. 1823: April 20, 1918

# SIX TEXAS FOOD PRODUCTS

### **RECIPES AND FOOD VALUES**

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19-27184



PUBLISHED BY THE UNIVERSITY SIX TIMES A MONTH, AND ENTERED AS SECOND-CLASS MATTER AT THE POSTOFFICE AT AUSTIN, TEXAS, UNDER THE ACT OF AUGUST 24, 1912 The benefits of education and of useful knowledge, generally diffused through a community, are essential to the preservation of a free government.

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Sam Houston

Cultivated mind is the guardian genius of democracy. . . . It is the only dictator that freemen acknowledge and the only security that freemen desire.

Mirabeau B. Lamar

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### FOREWORD

True food economy includes the knowledge of food values and cookery, the planning of meals, the prevention of food waste and the conservation of food excess.

We still face a food problem. A new world situation in food that calls for an increase in food production to meet the needs of suffering humanity. The increase in the production of home products and the utilization of such in the most efficient manner is one means of aiding in the prevention of a greater world food shortage.

This bulletin containing recipes and food facts was compiled for house-wives especially, whose responsibility it is, to give to the family in the most efficient and economical form, the home grown products. 'The following recipes include six of the most common ones. Appetizing and attractively served home grown products not only mean a solution to the waste problem, but also an incentive to increase the food supply. The aim is to encourage the production of these six foods because of their variety of uses as well as their value as food.

No food should be allowed to be wasted because of its excessive production. The utilization of such should equal the production. Out of season use, as well as for use in season, is one of the housewives' problems.

#### EXPLANATIONS AND DIRECTIONS

All measures used in these recipes are *level*. Dry materials are measured after sifting. Each recipe contains at least six servings. Ingredients are given in order in which they should be combined.

#### Abbreviations

c—cup	pt.—pint
T-tablespoon	f. g.—few grains
t-teaspoon	f. d.—few drops
B. P.—baking powder	min.—minutes

Measures

2 pts—1 qt 16 ozs—1 lb.

3t—1 T 16 T—1c 2c—1 pt

### CORNMEAL AND HOMINY

				Carbo-		Calories
	Water	Protein	Fat	hydrate	Mineral	per lb.
Cornmeal	12.5	9.2	1.9	75.4	1.0	1655
Hominy	11.8	8.3	.6	79.0	.3	1650
Wheat flour	12.8	10.8	1.1	74.8	.5	1640
Rice	12.3	8.0	.3	79.0	.4	1630

From the above we conclude that cornneal contains as much carbohydrate as wheat flour; cornneal contains more fat than wheat flour or rice; cornneal contains nearly as much protein as wheat flour; cornneal contains more minerals than flour or rice.

The percentage composition of these three cereals, namely, wheat, corn, and rice, are about equal. Cornmeal may be used instead of wheat flour without any loss in food principles. We therefore conclude that cornmeal ranks in food value with these other cereals. The object in emphasizing the use of corn products is not to under-estimate other cereals, but to show their value as food and to show how extensively they may be used in the diet.

### Cornmeal and Hominy Dishes May Be Served for Breakfast, Dinner, and Supper

Main Dishes	Desserts	Hot Breads
Cornmeal Fish Balls	Ginger Cornbread	Muffins
Cornmeal Scrapple	Apple Cornbread	Sticks
Hamburg Pie	Cookies	Biscuit
Tamale Dishes	Cakes	Griddlecakes
Hominy and Meat	Indian Pudding	Waffles
Hominy and Rice		Spoon Bread
Hominy Croquettes		Rolls

## "Variety is the Spice of Life"

### Do You Want Variety?

The following recipes are suggestive of a few ways in which cornmeal and hominy may be used.

Chili Hamburg Steak Pie 2 c cornmeal 6 c boiling water Cook 45 min. in double boiler 1 small onion, minced 2 T fat 1 pound Hamburg steak Brown well, add	1 T flour 1/2 t paprika 1 t salt Add 1/2 c grated cheese.
1 t salt	Heat in double boiler until
<ul> <li>3 t chili powder</li> <li>Place layer of mush in oiled baking dish.</li> <li>Add layer of seasoned meat.</li> <li>Cover with layer of mush.</li> <li>Continue layers until all the ingredients are used.</li> <li>Bake 1/2 hr. in moderate oven.</li> </ul>	<ul> <li>cheese is melted, add</li> <li>2 c cooked hominy.</li> <li>1/2 c bread crumbs.</li> <li>Bake 20 min. in moderate oven.</li> <li>Note: If desired. arrange cheese, sauce, and hominy in alternate layers with bread crumbs on top, then bake.</li> </ul>
NoTE: Especially delicious baked 2 hrs. in fireless cooker.	Crackling Muffins 1 c cornmeal <sup>1</sup> / <sub>2</sub> c flour
Hominy a la Southern	3 t baking powder
2 c hominy, ground <sup>1</sup> / <sub>2</sub> t salt 1 c milk 1 egg, beaten. Bake in moderate oven in buttered baking dish un- til set.	C C

Cornmeal Scrapple Cornmeal Cookies 1/2 c melted fat 1 c cornmeal  $2\frac{1}{2}$  c boiling water 1 c molasses Cook 45 min. in a double Cream well, add boiler, add 1 egg well beaten 1 c lean pork (cooked) 1 t saltbeen added  $\frac{1}{2}$  t powdered sage 1/3 t soda Pour in pan, chill. Lastly add Cut in <sup>1</sup>/<sub>3</sub>-inch slices. 2 c cornmeal Fry on each side until 1 c wheat flour golden brown. NOTE: Left-over chicken, turkey, ness. beef, veal, or fish may be used in place of the pork. Liver is oven. especially good. Hot Water Cornmeal 1 c cornmeal Ginger-bread 1 c cornmeal 1 t salt1 c boiling water 1 T sugar Mix well, cool, add 1 c m o l a s s e s to which has 1 c milk. been added 1 t sodaBeat well, add mixed and 2 T melted fat sifted dry ingredients: 1 c wheat flour 2 t ginger 1 t cinnamon 1 t saltLastly add 2 t melted fat  $1/_{1}$  c white sauce 1 egg well beaten Bake 25 min. in moderate oven.

6 T sour milk to which has Roll to 1/4 inch in thick-Shape and bake in hot Potato Cornmeal Muffins

- 4 t baking powder Mix and sift, add 1 c mashed potatoes 1 egg, well beaten Bake 40 min, in hot oven. Makes 12 large muffins. Hominy Croquettes 2 c hominy, ground
  - Shape, roll in crumbs, egg and crumbs.
  - Bake in hot oven and serve as a vegetable with meat.

Cornmeal Spoon Bread 1 c cornmeal 2 c boiling water 2 t salt Cook in double boiler 20 min., add 1 c milk Beat well, then add 2 eggs well beaten Bake 40 min. in serving dish.

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### HONEY

				Carbo-		Calories
W	'ater	Protein	Fat	hydrate	Mineral	per lb.
Honey 1	18.2	.4		81.2	.2	1520
Molasses 2	25.1	2.4		69.3	3.2	1290
Sugar		•••		100.0	•••	1860
	,			72 12 14	17 00.	

(U. S. Department of Agriculture Bulletin, No. 28.)

There are two classes of honey found on the market, the extracted honey and the comb honey. Honey varies in flavor owing to the presence of small amounts of volatile substances derived from the flowers; for example, whiteclover honey is the product from bees having access principally to a white-clover patch. Another well known brand of honey in this state is the catsclaw.

The simplest way of serving honey is with griddle cakes and bread, especially hot biscuits. It is often used for sweetening lemonade and other fruit drinks. One-half sugar and one-half honey is frequently used for cooking purposes. The following are tested recipes suggesting the use of honey for cooking. Try these, then substitute honey in your own recipes. It is well to remember that, when honey is used in place of sugar in the proportion of one cup of honey to one cup of sugar, it is necessary to decrease the liquid in the recipe about one-quarter of a cup. In making batter or dough mixtures with sweet milk and honey, it is necessary to use  $\frac{1}{3}$  t soda for each cupful of honey to neutralize the acid present.

Reference: Farmers' Bulletin No. 653, Honey and Its Uses in the Home.

Baked Honey Custards	Tapioca Pudding
3 eggs, beaten slightly	$\frac{3}{4}$ c pearl tapioca—soak well
2 c skim milk (scalded)	3 c boiling water
1/4 c honey	$\frac{1}{4}$ t salt
1/8 t cinnamon, if desired	Cook until transparent,
1/4 t salt	stir often, add
Bake in custard cups set in	$\frac{1}{2}$ glass tart jelly
a pan of water.	$\frac{1}{4}$ c honey
	Serve cold

Steamed Brown Bread Fruit Roll 2 c sifted flour 1 c cornmeal 1/2 t salt 2 c graham flour 4 t B. P. 1 t salt1 c seeded raisins f. g. soda Sift and mix, cut in Mix, add 2 T fat  $1\frac{3}{4}$  c-2 c sour milk to which has been added Add gradually 1/2 c milk  $11/_{3}$ t soda Roll dough to 1/4 inch in 2/3 c honey thickness. Then spread Fill cans 2/3 full. Steam 3 hrs. in covered recepon tacle. 1 c stewed apricots  $\frac{1}{4}$  c honey Honey Cookies Sprinkle with  $\frac{3}{4}$  c flour  $\frac{1}{8}$  t nutmeg <sup>3</sup>/<sub>4</sub> t B.P.  $\frac{1}{8}$  t cinnamon f. g. soda Roll up dough like jelly  $\frac{1}{4}$  t salt roll.  $1/_{4}$  c raisins Press ends firmly together. 1/4 c chopped nuts Bake in hot oven. Mix, add Serve with cream or apri-1 egg, well beaten cot sauce. Then add  $\frac{1}{4}$  c honey Honey Salad Dressing 1 T melted fat 1 T sugar Drop from spoon into oiled 1 T cornstarch or flour pan and bake 20 min. Blend, then add Recipe makes 24 small 2 egg yolks, well beaten cookies.  $\frac{1}{2}$  c strained honey Mix well, add gradually Chocolate or Cocoa Pudding Juice of 2 lemons 2 c scalded milk 1/3 c honey Heat to boiling point. Cook slowly until consis- 6 T cornstarch tency of thick cream.  $\frac{1}{4}$  t salt Cool, just before serving  $\frac{1}{4}$  c cocoa or chocolate add Cook in double boiler until sufficiently thick, at least 1/3 c cream. Especially delicious with 15 min. Flavor with fruit salad. This dressing keeps indefi- 1 t vanilla nitely. Pour into moulds. Serve cold with cream.

9

				Carbo-		Calories
	Water	Protein	Fat	hydrate	Mineral	per lb.
Dried Peas	9.5	24.6	1.0	62.0	2.9	1655
Dried Beans	12.6	22.5	1.8	59.6	3.5	1605
Lentils	8.4	25.7	1.0	59.2	5.7	1620
Beef (lean)	64.4	19.5	7.3		1.0	670
Eggs	73.7	13.4	10.5	• • •	1.0	720
Cheese	34.2	25.9	33.7	2.4	3.8	1950

#### LEGUMES

Practically all legumes may be treated under one head, as they are similar in their nutritive constituents and digestibility. The table above indicates that dried peas, beans, and lentils contain practically as much protein as lean beef and cheese, and considerably more than eggs. Dried legumes are no doubt used by the majority of American families. When properly cooked and well combined with other foods, they form a palatable addition to the diet, and help to give variety to the menu.

In many households, the housewife has her accustomed way of baking and boiling beans, but too frequently she stops there. She fails to vary her recipes, and thus the family tires of "beans, then more beans." A change in the seasoning ingredients, or a meat flavor added, gives such a wholesome and appetizing dish that meat may be omitted from the menu. One of the most important points to keep in mind in the preparation of the dried legumes is the necessity of subjecting them to a long, slow process of cooking. It is found that peas and beans contain a high per cent of cellulose. This cellulose must be thoroughly softened to make it digestible. To accomplish this, long, slow cooking is necessary.

Attractive ways of serving dried foods—as well as any food—go a long way toward making them appeal to the family's taste. Time is also well spent in adding pleasing garnishing touches.

#### RECIPES

Bean (any kind) Soup	Lima Bean Loaf
1 T flour	1 c bread crumbs
2 T fat	1 c boiled beans (mashed)
1 t salt	1 t salt
1/8 t pepper	1/8 t pepper
2 c milk	1 T minced onion
1 T minced onion	1 egg well beaten
Make thin white sauce, add	1 c tomato juice
gradually	Mix in order given.
1 c bean pulp.	Shape in loaf.
Add more seasoning if nec-	Bake 20 minutes.
essary.	NOTE: Green pea loaf may be
Serve hot.	made by using green peas.
Bean Croquettes	Kidney Beans, Creole Style
1 c beans (mashed)	1 onion, minced
$\frac{1}{4}$ c thick white sauce	2 T fat
2 t minced onion	Brown well, add
1 t salt	2 c cooked kidney beans
$\frac{1}{8}$ t pepper	1 c tomatoes
Mix, shape, roll in bread	$\frac{1}{2}$ c cooked beef, ground
crumbs, beaten egg, then	1/8 t paprika
crumbs. Let stand for	1 t salt
some time, then fry in	Serve hot.
deep fat, or bake.	Dentie D G GU
	Pea or Bean Souffle
Lima Bean Salad	4 T flour 4 T fat
2 c cooked lima beans	
Marinate with the follow-	1 c skim milk
ing French dressing:	Blend, stir until smooth
2 T oil	and thickened, add
1 T vinegar or lemon juice	1 c peas or beans (run thru
1 small onion, minced	the sieve) 3 egg yolks, well beaten.
1 pimiento, chopped ½ t celery salt	1 t salt
$\frac{1}{2}$ t salt	1/4 t pepper
$\frac{1}{8}$ t pepper	1 T minced onion
Allow to stand for some	Mix well, fold in
time.	3 egg whites, well beaten
Serve on lettuce leaves.	Put in oiled baking dish.
Additional dressing may	Bake in slow oven until
be served.	firm.

### MILK AS FOOD

Milk is a liquid. For this reason, a few people are inclined to class it as a beverage. Milk, however, should be placed among the nourishing foods, as it contains all the food principles that are necessary to the body.

Milk is often spoken of as a perfect or complete food, because it fulfils the requirements for an adequate food better than any other. These are the requirements that it meets:

(1) Milk contains the material which builds and repairs the body tissues. These body-building substances are called protein.

(2) Milk contains substances (fat and sugar) which furnish energy to the body. Fats, starches, and sugars are the chief energy foods and are called carbohydrates.

(3) Milk contains a number of mineral substances which are needed in the growth and for the functioning of the various organs of the body.

(4) Milk contains vitamines. These vitamines are certain substances, the nature of which are not known definitely, but which are essential elements in food, since their absence in the diet retards body growth.

Milk should be the basis of every child's diet. One quart of milk a day until the child is six years of age is the amount essential for normal growth. The growth produced from one quart of milk during the early part of a child's life invariably means better health and a stronger constitution than if the child has been fed on less milk and his diet supplemented with other less nourishing foods.

#### Composition of Milk

Milk is composed of solids and liquid. The solids include casein, albumen, milk sugar, fat, and minerals, and are commonly known as the curd. The liquid contains water, with albumen, milk sugar, and minerals in suspension, and is called whey. A pan of unskimmed sour milk in which the curd has completely separated from the whey is an excellent sample to study in order to understand the different food principles contained in milk. We readily see that there is more liquid (87%) than solids (13%).

The fat can easily be removed by skimming. The fat represents about 4.5% of the solids (13%).

The curd and whey may be separated by straining. The curd contains the casein, the chief protein of milk. The whey contains valuable food, and may be used in the preparation of several dishes. A few recipes are given in this bulletin.

Heat the whey. Small white particles will appear. This is the coagulated albumen (a protein) which resembles the white of egg. Cow's milk contains a higher per cent of proteins, which include casein and albumen, than mother's milk. Mother's milk, however, contains a larger per cent of albumen than cow's milk. Scientific experiments show that albumen in mother's milk is more digestible than that found in cow's milk; consequently it is more suitable for infants. Mother's milk, being the natural food, is rightly proportioned to meet the needs of the infant.

Strain out the coagulated albumen. Heat the whey until it becomes a solid sugar-like mass. Taste it. This substance is milk sugar, and is less sweet than commercial sugar. Continue heating the milk sugar until it becomes an ash. This ash contains the mineral salts; namely, iron, calcium, potassium, and magnesium, all of which are very necessary to the human system.

#### Use All Forms of Milk in Cooking

Remove the cream from the whole milk and reserve it as an accompaniment to cocoa, breakfast foods, and desserts.

Uses of Skim Milk

Cakes Cocoa Cottage Cheese Soups Sauces Breads Custards Puddings Salad dressings

### RECIPES FOR WHITE SAUCE

Thin White Sauce (for soups and sauces)	Sauce (fo meats, v		Thick White Sauce (for croquettes)
2 T fat	2 T fat		2 T fat
2 T flour	2 T flour		2 T flour
½ t salt	$\frac{1}{2}$ t salt		$\frac{1}{2}$ t salt
f.g. pepper	f.g. pepp	er	f.g. pepper
Blend, stir cons	stantly an	d <mark>graduall</mark> y	add:
2-4 c skim milk	1 c skim	milk	$\frac{1}{2}$ c skim milk
Peanut Milk Toast		Baked Cus	stards
1 slice hot toast			, beaten slightly
Spread with		$\frac{1}{4}$ c honey	
1 T peanut butter			nilk, scalded
Pour over			red cinnamon or
$\frac{1}{4}$ c thin white sauce	ee.	nutme	g.
Serve at once. Note: The peanut b	utton may	$\frac{1}{4}$ t salt	custard cups set in
be added to the wi			of water.
Salan on Canadattan			
Salmon Croquettes $1\frac{1}{2}$ c salmon			Lima Beans
1 c thick white sauce	0		white sauce of the
$\frac{1}{2}$ t salt		follow 1 c milk	ing:
$\frac{1}{8}$ t pepper		2 T flour	
1 T lemon juice		2 T fat	
1 T chopped parsley	7	1 t salt.	
Combine ingredie			alternate layer of
Shape, roll in cru		-	and white sauce in
and crumbs. 1			ed baking dish.
for a few minu		2 c cooked	Lima beans
Fry in deep fat, o		Cover	with buttered
a well heated o		crumb	
Garnish with par serve hot.	rsley and		min. in moderate
NOTE: The ingredient	ts may be	oven.	
baked as a scallop.			

#### Uses of Sour Milk

Quick Breads	Griddle Cakes	Bonny Clabber
Waffles	Yeast Breads	Cakes

Sour milk is due to the formation of lactic acid brought about by the action of lactic-acid bacteria upon the milk sugar. The acid produced gives the tart taste to the sour milk. When using sour milk for cooking, soda (an alkali) is added to counteract the acid. The acid and soda react chemically and produce a gas which acts as a lightening agent, and makes a light product.

Bread Griddle Cakes	Bran Muffins
1 c sour milk	$11_2$ c bran
1 c bread crumbs	1 c flour
Soak over night. In the	3 T molasses or corn syrup
morning, add	$1\frac{1}{2}$ t salt
$\frac{3}{4}$ t soda dissolved in	1 t soda
1 T water	Mix well, add
Beat mixture well, add	1 c sour milk
1/2 t salt	1 T liquid fat
1 c flour	Bake in muffin tins.
1 egg well beaten	Makes 9 muffins.
1 T melted fat.	

Buttermilk is one of the products of butter-making. Buttermilk has an acid taste, and is used extensively as a beverage. It has a high food value, and offers an especially digestible food for invalids. It should be used extensively in cooking. It may be substituted in any recipe calling for sour milk.

> Buttermilk Biscuit 4 c flour

- 4 t B. P.
- 1 t salt
  - Sift well, add
- 2 T shortening
- $1\frac{3}{4}$  c-2 c buttermilk
- 1 t soda dissolved in
- 1 T water
  - Roll, cut, bake in hot oven.

When milk coagulates sufficiently to become thick it is known as clabber. It may be beaten up and used the same as sour milk or butter milk.

When the coagulated protein is separated from the whey it becomes known as curd, or cottage cheese. Cottage cheese is a concentrated protein food. It may be served in a variety of nutritious dishes.

#### Uses of Cottage Cheese

Meat Dishes Sandwiches	Salads Desserts
Cottage Cheese Loaf	Cottage Cheese Croquettes
2 or 3 c cottage cheese	$\frac{1}{2}$ c thick white sauce
$\frac{1}{2}$ t salt	2 c mashed potatoes
1/8 t pepper	2 c cottage cheese
$\frac{1}{2}$ c cold ham or beef,	$\frac{1}{2}$ t salt
ground.	f. g. paprika
Mix, pack in buttered	$\frac{1}{2}$ pimiento, chopped.
moulds.	Mix well, shape into cro-
Chill, turn on platter.	quettes.
Garnish with lettuce leaves	Roll in bread crumbs, beaten
or parsley. Serve in	egg, and bread crumbs
slices.	again.

Bake in well heated oven.

#### Sandwiches

Sandwiches may be made by combining one or more of the following with cottage cheese: mayonnaise alone or combined with chopped nuts, pimientos, green peppers, onion, parsley, olives, raisins, or dates. Honey or jelly is also a delicious addition to cottage cheese.

> Club Sandwich Arrange between slices of toast: Cottage cheese Ripe tomato Crisp bacon Lettuce Onion, if desired. Spread each slice of toast with Salad dressing Fasten slices together with toothpicks. Cut diagonally. Garnish with ripe or green olives.

#### Salads

The combination suggested in connection with sandwiches make delicious salads. Serve on lettuce. Garnish with mayonnaise.

Pineapple Salad	Stuffed Beet Salad
$\frac{3}{4}$ c cottage cheese	6 cooked beets (size suitable
$1/_2$ pimiento	for serving)
Mix well, divide in six por-	Remove centers. Fill cav-
tions.	ity with
Shape in balls. Place one	1 c cottage cheese
in the center of each of	Diced cooked centers of beets
6 slices of pineapple which	Mayonnaise to moisten
have been arranged on	Arrange stuffed beets on
lettuce.	lettuce leaf.

#### Desserts

Desserts, like salads, offer an opportunity for a great deal of originality. Fruits, nuts, spices, honey, and syrup may be combined with cottage cheese, and served in appetizing and nourishing dishes.

Bonny clabber served with sugar and cream is a refreshing dessert; cinnamon may be added as a flavor, and gives variety.

#### USES OF WHEY

Whey is the liquid remaining after the removal of curd. It contains lactic acid, milk sugar, albumen, and minerals. It makes a refreshing beverage. It may be used as the liquid ingredient in making batter and dough mixtures.

Whey Honey	Whey Lemonade
$1/_2$ c whey	4 c whey
1/3 c sugar or $1/2$ c corn	6 T sugar or honey
syrup	Juice of 2 lemons
Mix and boil until the con-	f. g. cinnamon or nutmeg
sistency of honey.	Mix, chill, serve as beverage
Delicious to spread on waf-	
fles or griddle cakes.	

Whey Punch

4 c whey

 $\frac{3}{4}$  c sugar or syrup

Juice 4 lemons

Mix, chill, and serve as punch.

NOTE: Grape juice, cherry juice, or crushed mint may be added.

#### PEANUTS

				Carbo-		Calories
Ţ	Nater	Protein	Fat	hydrate	Mineral	per lb.
Peanuts	9.2	25.8	38.6	24.4	2.0	2560
Dried Peas	9.5	24.6	1.0	62.0	2.9	1655
Dried Beans .	12.6	22.5	<sup>.</sup> 1.8	59.6	3.5	1605
Steak (round)	64.4	19.5	7.3		1.0	670
(II S De	nartme	nt of Ag	riculture	Bulletin	No. 28)	

Protein is an absolute necessity in our diet, because it pplies the nitrogen needed for building and repairing

supplies the nitrogen needed for building and repairing body tissues. The muscle or tissue building foods include milk, cheese, eggs, meat, peas, beans, and peanuts. The peanut is a very good source from which to get the protein. Peanuts may be recommended for several reasons: they are rich in protein—therefore may be frequently substituted for meat; they offer a comparatively cheap source of protein; there is practically no waste after the shells are removed; they are readily prepared, easily stored, easily digested, especially if well masticated; they are a home-garden product.

The above table shows by comparison how peanuts may be used as a meat substitute. It is estimated that a man at moderate muscular work needs about 3.5 ounces of protein a day. A family consisting of father, mother, and three children (3, 6 and 12 years of age) need about twelve ounces. The following table indicates a few foods that are rich in protein, and the amount contained in each pound.

18

Dried peas contain 4 ounces of protein per pound. Peanuts contain 3 ounces of protein per pound. Dried beans contain 3 ounces of protein per pound. Cottage cheese contains 3 ounces of protein per pound. Fresh beef contains 2 to 3 ounces of protein per pound. Pork contains 2 ounces of protein per pound. Wheat contains 2 ounces of protein per pound. Eggs contain 2 ounces of protein per pound.

Cornmeal contains  $1\frac{1}{4}$  ounces of protein per pound.

There are a variety of dishes that may be made from either the parched or raw peanut that are delicious. The family is less apt to tire of the peanut flavor if the peanut dishes are served only occasionally.

#### PEANUT RECIPES

Peanut Roast 1 c chopped roasted peanuts 2 c bread crumbs 1/2 t salt  $\frac{1}{4}$  t pepper 1 T onion juice Mix well. add 2 eggs, well beaten.  $2\frac{1}{2}$  to 3 c tomato juice, or water. Shape in loaf. Bake 1/2 hr. in oiled baking pan. May be served with tomato sauce. Peanut Soup 2 T flour 2 T fat  $1\frac{1}{2}$  t salt 4 c skim milk Make sauce of above, add 1 c roasted peanuts (ground) Bring to boiling point, and serve at once.

Peanut Cookies 2 T fat  $\frac{1}{4}$  c sugar Cream well, add 2 T milk 1 egg, well beaten  $\frac{1}{2}$  t lemon juice. Add the following ingredients, mixed:  $\frac{3}{4}$  c flour 2 t baking powder 1/2 t salt  $\frac{1}{2}$  c chopped peanuts Drop on a greased baking sheet 1 inch apart. Bake from 10 to 12 min. in a moderate oven. Tomato Peanut Soup  $1\frac{1}{2}$  c strained tomatoes 1<sup>1</sup>/<sub>2</sub> c peanut butter Mix thoroughly, add 1 t salt $\frac{1}{4}$  t paprika  $21/_2$  c boiling water Simmer for 10 minutes, and serve with croutons.

Rice and Nut Loaf 1 c white sauce (left over) 1 c peanut butter Heat thoroughly, add 2 c rice (left over) 2 t salt 1 T chopped parsley 1 c bread crumbs 2 eggs, well beaten. Shape in loaf, bake 20 min. Serve with tomato sauce.

- Scalloped Peanuts and Rice
- 3 c milk, or water
- 1 c rice
- 2 t salt
  - Cook in double boiler until rice is done, add
- 2 c peanuts—ground
- 1/2 t paprika.
  - Bake 20 min. in an oiled baking dish.

#### SWEET POTATOES

				Carbo-		Calories
W	ater	Protein	Fat	hydrate	Mineral	per lb.
Sweet Potato. 6	69.0	1.8	.7	27.4	1.1	570
Irish Potato . 7	78.3	2.2	.1	18.4	1.0	385

Each year the sweet potato is becoming of greater importance as a food. The producers are now capable of handling successfully, not only the planting and harvesting, but also the storing and marketing. The demand for sweet potatoes has increased as the people have learned the variety of ways in which the potato may be used. Sweet potatoes can be canned successfully, thus providing a means of caring for the over-supply and at the same time making it possible to have them on the table out of season.

The soil and climate of the southern states are peculiarly adapted to the cultivation of the sweet potato. Several varieties are grown, all of which can readily be classed under either of two distinct types, namely, a dry, mealy potato, or a moist potato, commonly called a yam. The dry, mealy one is planted especially for the northern markets, because of its keeping qualities. The moist potato contains a higher per cent of water, and will not keep for any length of time. For this reason, this type of potato is always confined to the southern markets. They are delicious, however.

The sweet potato is not closely related to the white potato botanically, but, as you note by the table, the two potatoes are quite similar in composition. The greatest difference lies in the fact that the sweet potato contains from 5 to 8 per cent more carbohydrate, principally in the form of sugar. This, alone, accounts for the increased fuel value of sweet potatoes when compared to the white (Irish) potatoes.

Reference: Farmers' Bulletin No. 324, Sweet Potatoes.

"More Ways Than One of Preparing Sweet Potatoes"

Try Some of These Recipes

Sweet Potato Custard	Sweet Potato Muffins
2 c mashed sweet potato	$1\frac{1}{2}$ wheat flour
2 c skim milk	4 t B. P.
2 egg yolks	1 t salt
$1/_2$ c sugar	Sift, add
2 t salt	1 c well mashed sweet pota-
2 t ginger	toes
$\frac{1}{2}$ t mace	1 c milk
Beat for 3 minutes, fold in	1 egg, well beaten
3 egg whites, beaten stiff and	Beat well, pour in oiled
dry	muffin pans.
Fill oiled custard cups $2/3$	Bake 25-30 min. in moder-
full.	ate oven.
Sprinkle top with cinna-	
mon.	Sweet Potato Salad
Bake 35-40 min. in moder-	$2\ \mathrm{c}$ cooked sweet potato, diced
ate oven.	1 t salt
Serve hot in the cups in	1/8 t paprika
which the custard is	2 c finely chopped celery
baked.	$\frac{1}{2}$ c mayonnaise
	Garnish with chopped
Honied Sweet Potatoes	stuffed olives.
6 medium-sized sweet pota-	Serve on lettuce leaf.
toes	
Boil, cut into eighths,	
lengthwise.	$1\frac{1}{2}$ c riced sweet potatoes
Arrange in buttered bak-	
ing dish, add	1 t cinnamon
$1/_2$ c honey	$\frac{1}{2}$ t ginger
Sprinkle with	$\frac{1}{2}$ t salt
1/2t cinnamon	$1\frac{1}{2}$ c milk
1/2 t mace	2 eggs, well beaten
Bake until thoroughly	Mix ingredients in order
heated through and	given.
honey is candied.	Bake in pie pan lined with
	crust.

### BRANCHES OF EXTENSION SERVICE

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#### E. D. SHURTER, DIRECTOR

#### Division of Extension Teaching

THOMAS FLETCHER, HEAD

Correspondence Courses. Some 250 courses are offered by mail. A student may register at any time. These courses, with a few exceptions, carry University credit.

*Group-Study Courses.* These courses are planned for clubs. Outlines, in the form of programs, and libraries are furnished. When desired, a lecturer is sent. *Extension Classes.* When possible, an instructor will be sent to give courses in the

large centers.

Full information furnished on application to Head of the Division.

#### **Division of School Interests**

#### ROY BEDICHEK, HEAD

Interscholastic League. An organization of the public schools of Texas for the purpose of holding county, district and state contests in debate, declamation, spelling, essay-writing, and athletics. Some three thousand progressive schools in Texas are members of this League and participate in the inspiration it furnishes.

Community Service. Rural organizers, lecturers in rural education, and, in cooperation with the Division of Home Welfare, home economics courses and lec-turers are furnished communities desiring this character of service. Full information furnished upon application to the Head of the Division.

#### Division of Home Welfare

#### MINERVA M. LAWRENCE, HEAD

The aim of the Home Welfare Division is to assist women's clubs, chambers of commerce, high schools, county organizations, public health associations, and any other organizations with local problems relating to the home.

The program includes such subjects as food, clothing, hygiene, health, child welfare work and a wide range of similar subjects. Specialized workers, with equip-ment, leaflets, bulletins, charts, lantern slides, are ready to serve the people of the state at any time.

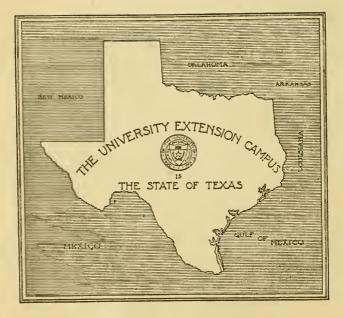
For further information, write the Head of the Division.

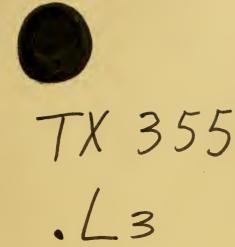
#### Division of Information

#### J. W. SHEPHERD, HEAD

The library is prepared to furnish free small package libraries on a Loan Library. large number of subjects to any citizen or organization in Texas, except that the borrower pays the postage both ways. This service is especially designed for schools without libraries, for students or teachers preparing special papers, for Schools without infrartes, for students or teachers preparing special papers, for literary and debating societies, and for women's clubs and other organizations. *Visual Instruction.* The following types of service are offered: (a) Lantern slides organized into special lecture sets with typewritten copy of lecture material, for use either in the class room or for evening entertainment; (b) Educational motion picture films; (c) Colored prints of paintings for special art study; (d) Stereographs for use in geography classes in schools without stereopticons. Full information furnished on application to Head of the Division.







Texas University Bulletin. Six Texas Food Products, 1918

